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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|-----------------------|--------------------------------|------------------|
| 10/089,797 | 06/26/2002 | Antonio Fontan Tarodo | Q69184 | 1050 |
| 23373 | 7590 | 10/23/2003 | | |
| SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. WASHINGTON, DC 20037 | | | EXAMINER PATEL, RAJNIKANT B | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2838 | |

DATE MAILED: 10/23/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.
10/089,797

Applicant(s)
Tarodo et al.

Examiner
Rajnikant Patel

Art Unit
2838



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Aug 22, 2003
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 6) ☐ Other:

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DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claim have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) The invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-3 are rejected under 35 U.S.C. 102(b) as being anticipated by Mammano et al. (U.S. patent #,5,422,562).

Mammano et al. discloses claimed invention (figures 1-7), including a switched power supply converter for broad range of input voltages (column 9, lines 1-70 and claims 1-9).

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4. Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Hwang (U.S. patent # 5,565,761).

Hwang discloses claimed invention a switched power supply converter for broad range of input voltages (figures 11-14 and column 5, line 15-50 also claims 1-10).

5. Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Cuk et al. (U.S. patent # 5,815,380) or Summer (U.S. Patent # 5,282,122).

Cuk et al. Discloses claimed invention a switched power supply converter (figure 16) for broad range of input voltages that comprises a first stage which converts a first voltage supplied from a voltage source in to a second voltage by means of a first switching element (figure 1, item Q) and a second stage that receives the second voltage and transforms it into a third DC voltage, a first control circuit controls the duty cycle of the first switching element so that the duty cycle varies between a first limit of the duty cycle and a second limit of the duty cycle; further the first control circuit is adapted to fix duty cycle (column 8, line 10-40) at the first limit of the duty cycle or at the second limit of the duty cycle in the event that the first voltage is outside a predetermined range of voltage values (column 3, line 10-70)...

In regards to claims 2-7, Cuk et al. also discloses claimed limitation such as galvanic and non galvanic isolation (column 1, lines 30-70), a transformer (column 5, line 5-10), first control circuit and second control circuit (column 11, line 50-65). Similarly Summer's figure 1, discloses claimed subject matters.

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6. Claims 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Brown et al. (U.S. patent # 5,483,436)) or Huykman (U.S. Patent # 5,394,076).

Brown et al.'s figure 2, discloses claimed subject matters.(column 2, line 1-60). Similarly Huykman's figure 1, discloses claimed subject matters (column 2, line 1-65).

7. Any inquiry concerning this communications or earlier from the examiner should be directed to Raj. Patel whose telephone number is (703) 305-7042. Any inquiry of a general nature or relating to the status of application should be directed to the Group receptionist whose telephone number is (703) 308-1782.



Rajnikant Patel

(Primary Examiner)